CLAIMS

What is claimed is:

1. A method comprising:

transmitting a cast frame for a destination device; and

receiving a data frame from the destination device in response to the destination device receiving the cast frame for acknowledgement of receipt of the cast frame.

2. The method of claim 1, wherein the cast frame is a multicast frame assembled in accordance with Institute of Electrical and Electronics Engineers (IEEE) 802.11.

3. The method of claim 1, wherein the cast frame is a broadcast frame assembled in accordance with Institute of Electrical and Electronics Engineers (IEEE) 802.11.

4. The method of claim 1, wherein the cast frame comprises a first address field including a first medium access control (MAC) address assigned to a group of wireless units and a second address field including a second MAC address associated with a device transmitting the cast frame.

5. The method of claim 1, wherein prior to receiving the data frame, the method further comprises:

placing the first MAC address of the second address field of the cast frame into a first address field of the data frame.

6. The method of claim 1, wherein the destination device is a wireless unit.

7. The method of claim 1, wherein the cast frame comprises a first address field including a plurality of bits set to a predetermined value and a second address field including a MAC address associated with a device transmitting the cast frame.

8. A method comprising:

determining that a cast frame is scheduled for transmission;

translating the cast frame into a plurality of unicast frames;

transmitting each of the plurality of unicast frames to a corresponding plurality of destination devices; and

receiving an acknowledge frame from each of the plurality of destination devices in response to receiving one of the plurality of unicast frames.

9. The method of claim 8, wherein the cast frame is a multicast frame assembled in accordance with Institute of Electrical and Electronics Engineers (IEEE) 802.11.

10. The method of claim 8, wherein the cast frame is a broadcast frame assembled in accordance with Institute of Electrical and Electronics Engineers (IEEE) 802.11.

11. A method comprising:

transmitting an Eavesdrop Unicast frame to a destination device; and

receiving a data frame from the destination device in response to the destination device receiving the Eavesdrop Unicast frame for acknowledgement of receipt of the cast frame.

12. The method of claim 11, wherein prior to receiving the data frame, the method further comprises:

scanning to a channel carrying the Eavesdrop Unicast frame by a plurality of devices including the destination device;

receiving of the Eavesdrop Unicast frame by the destination device.

13. The method of claim 12, wherein the Eavesdrop Unicast frame includes at least four address fields, a first address field including a destination address of the destination device and a fourth address field including a medium access control (MAC) address assigned to a plurality of devices including the destination device.

14. The method of claim 13, wherein after receiving the Eavesdrop Unicast frame, the method further comprises:

overwriting contents within a first address field of the data frame with contents from the fourth address field of the Eavesdrop Unicast frame.

15. The method of claim 11, wherein the destination device is a wireless unit.

16. The method of claim 12, wherein the Eavesdrop Unicast frame includes at least four address fields, a first address field including a destination address of the destination device and a fourth address field including a plurality of bits set to a predetermined value.

17. A wireless network system comprising:

a plurality of wireless units;

a fixed backbone network; and

an access point in communication with both the fixed backbone network and the plurality of wireless units, the access point to transmit a cast frame for one of the plurality of wireless units and to receive a data frame from the one of the plurality of wireless units in response to the one of the plurality of wireless units receiving the cast frame for acknowledgement of receipt of the cast frame.

18. The wireless network system of claim 17, wherein the cast frame is a multicast frame assembled in accordance with Institute of Electrical and Electronics Engineers (IEEE) 802.11.

19. The wireless network system of claim 17, wherein the cast frame is a broadcast frame assembled in accordance with Institute of Electrical and Electronics Engineers (IEEE) 802.11.

20. A software module placed in a stored medium and executed by an electronic device, the software module comprising:

a first module to transmit a cast frame for a destination device; and

a second module to detect receipt of a data frame from the destination device to acknowledge receipt of the cast frame.